

the cells of the invention possessed *in vivo* the hexagonal phenotypic characteristics of the primary retinal pigment epithelial cells, even though these characteristics were lost *in vitro* (FIG. 11). This result was clear when the transplant has more than one layer of cells.

In the Claims:

Cancel Claims 2-9, 11-23, and 25-36.

Please replace pending claim 1 with the following amended claim:

1. An injectable, non-tumorigenic, human retinal pigment epithelial cell line, wherein the cell line is selected from the group comprising hRPE-7, hRPE-116 and ARPE-19 wherein the cells of the cell line:
- (a) comprise an expression vector comprising a polynucleotide coding for a polypeptide selected from the group comprising BDNF, NT-4, CNTF, Axokine, FGF-2 (bFGF), IGF I, IGF II, TGF β -II, Midkine, IL-1 β , TNF, NGF, IL-2/3, ILF, IL-6, NTN, Neublastin, VEGF, GDNF, PDGF, LEDGF and PEDF.
 - (b) can non-tumorigenically interact with retinal cells of a mammalian host.

Please replace pending claim 10 with the following amended claim:

10. The cell line, human retinal pigment epithelial-7 (hRPE-7) and human retinal pigment epithelial-116 (hRPE-116)

Please replace pending claim 24 with the following amended claim:

24. A method of producing a therapeutic polypeptide to treat primary or secondary ophthalmologic or neurological disorders, comprising incubating cells of a mammalian retinal pigment epithelial cell line wherein the cell line is selected from the group comprising hRPE-7, hRPE-116 and ARPE-19 in a biological compatible medium such that the cell line produce the polypeptide and wherein the cells of the cell line comprise an expression vector comprising a polynucleotide coding for a polypeptide selected from the group comprising BDNF, NT-4, CNTF, Axokine, FGF-2 (bFGF), IGF I, IGF II,

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TGFβ-II, Midkine, IL-1β, TNF, NCF, IL-2/3, ILF, IL-6, NTN, Neublastin, VEGF,
GDNF, PDGF, LEDGF and PEDF.

Please add the following new claim:

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37. The cell line IO/JG2/1, deposited under I-1695 on April 18, 1996 in the Collection
Nationale de Cultures de Micro-organismes held by the Insitute Pasteur, Paris France.
